

JUL 9 - 2006

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Albuquerque, New Mexico

Applicant:	Alex Nugent	Group:	2129
Serial No.:	10/748,546	Examiner:	HIRL, JOSEPH P
Filed:	December 30, 2003	Atty Docket No.:	1000-1215
For:	PHYSICAL NEURAL NETWORK LIQUID STATE MACHINE UTILIZING NANOTECHNOLOGY		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The following sections are being submitted for this Supplemental Information Disclosure Statement:

1. Preliminary Statements.

Applicant(s) submits herewith additional patents, publications or other information that they believe may or may not be material to the patentability of the claims under consideration in this application and in respect of which there may be a duty to disclose under 37 C.F.R. § 1.56.

The filing of this Supplemental Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56 (37 C.F.R. § 1.97(h)), or that no other material information exists.

The filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that the references are prior art within the meaning of 35 U.S.C. §§ 102 or 103. Further, any explanation, if provided, is not to be construed as a representation that the references have been thoroughly reviewed. In particular, no representation as to the relevance of any portion of any reference is intended.

The filing of this Supplemental Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

2. Form PTO-1449, List of Prior Art Cited by Applicant, citing 2 non-patent references containing other information.

3. Attached to this Supplemental Information Disclosure Statement is a copy of Form PTO 1449 and accompanying references, for consideration by the U.S. Patent and Trademark Office. Copies of the references listed in the

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Form PTO 1449 that have not been provided are believed to define the general state of the art and are not considered to be of particular relevance.

4. These references are in addition to those listed in any Supplemental Information Disclosure Statement and Form PTO 1449 filed previously with the U.S.P.T.O.

5. ☒ This Supplemental Information Disclosure Statement is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application and is accompanied by the statement specified in 37 CFR 1.97(e).

6. Statement in accordance with 37 C.F.R. § 1.97(e):

☐ (1) Each item of information contained in the Supplemental Information Disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Supplemental Information Disclosure statement; or

☒ (2) No item of information contained in the Supplemental Information Disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the Supplemental Information Disclosure statement after making reasonable inquiry, no item of information contained in the Supplemental Information Disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure statement.

7. The references contained in this Supplemental Information Disclosure Statement and submitted herewith were cited by the Patent Examiner, Mai T. Tran, in the first office action (dated June 29, 2006) of U.S. Patent Application Serial No. 10/748,631, Attorney Docket No. 1000-1216.

8. The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor(s) and the information in the attorney's file.

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July 8, 2006

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CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231:

☐ 37 CFR 1.8(a)(1)(A)
With the United States Postal
Service with sufficient postage
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☒ 37 CFR 1.8(a)(1)(B)
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Dated: July 8, 2006

Kermit D. Lopez
Kermit D. Lopez, Reg. No. 41,953

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FORM PTO-1449 (REV. 7.80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 1000-1215		SERIAL NO.: 10/746,546	
LIST OF PRIOR ART CITED BY APPLICANT <small>(Use several sheets if necessary)</small>				APPLICANTS: Alex Nugent			
				FILING DATE: 12-30-2003		GROUP ART UNIT: 2128	
U. S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE <small>(if appropriate)</small>
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER PRIOR ART <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>							
	"Solid-State thin-film memistor for electronic neural networks", S. Thakoor, A. Moopenn, T. Daud, and A.P. Thakoor, Journal of Applied Physics – March 15, 1990 – Volume 67, Issue 6, pp. 3132-3135.						
	"Computational nanotechnology with carbon nanotubes and fullerenes", Srivastava, D. Menon M. Kyeongjae Cho, NASA Ames Res. Center, Moffett Field, CA, Computing In Science & Engineering, Jul/Aug 2001, Volume 3, Issue 4, pages: 42-55						
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							